

CLAIMS

1. A block for construction capable of constructing a flat structure by arranging the plurality of blocks in a flat state with outer peripheral surfaces thereof brought
5 into contact with each other, the block for construction comprising:

a plurality of through holes formed for inserting linear or bar-like stretching members, and

recessed parts formed on said outer peripheral surfaces crossing an axial direction of said through holes to dispose, in a direction three-dimensionally crossing an axial
10 direction of said stretching members, other stretching members.

2. The block for construction as claimed in claim 1, wherein said plurality of through holes are provided in parallel with each other with intervals therebetween in a through-thickness direction of a body of said block for construction or in a direction
15 perpendicular thereto.

3. The block for construction as claimed in claim 1 or 2, wherein a plurality of cavities opening at more than one place on said outer peripheral surfaces are provided.

20 4. A panel for construction formed by arranging said plurality of blocks for construction claimed in any one of claims 1 to 3 in a flat state with outer peripheral surfaces thereof brought into contact with each other with said plurality of through holes being communicated, inserting said stretching members into the plurality of through holes while disposing the stretching members on said recessed parts, and bonding said blocks for
25 construction with pressure by generating tensile force on said stretching members.

5. The panel for construction as claimed in claim 4, wherein reaction force members for generating tensile force on said stretching member are attached to outer peripheral surfaces of said blocks for construction, the outer peripheral surfaces being
5 located on peripheral portions of said panel for construction.

6. The panel for construction as claimed in claim 4 or 5, wherein a gap filling agent for dispersing reaction force intervenes between said blocks for construction which are adjacent to each other.

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7. The panel for construction as claimed in claim 6, wherein said gap filling agent is a curable paste or a material deformable by bonding pressure of said blocks for construction.

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8. The panel for construction as claimed in claim 7, wherein said paste is a cement paste or liquid glass.

9. The panel for construction as claimed any one of claims 4 to 8, wherein a block body having a solid structure is used as said reaction force member in a region close
20 to a peripheral portion of said panel for construction.

10. A method of forming a panel for structure comprising steps of:
arranging said plurality of blocks for construction claimed in any one of claims 1 to
3 to be adjacent to each other in a flat state with a gap filling agent for dispersing stress
25 intervening between outer peripheral surfaces of said blocks for construction and with said

plurality of through holes communicating with each other,

inserting stretching members into said plurality of the through holes while disposing said stretching members on said recessed parts, and

loading tensile force on said stretching members to bond said blocks for
5 construction with pressure.